

***Toxic Substance Control Act  
PCB/Radioactive Waste Annual  
Inventory for Calendar Year  
2001***

*June 2002*



*Idaho National Engineering and Environmental Laboratory  
Bechtel BWXT Idaho, LLC*

# **Toxic Substance Control Act PCB/Radioactive Waste Annual Inventory for Calendar Year 2001**

**Prepared by BBWI**

**June 2002**

**Idaho National Engineering and Environmental Laboratory  
Environmental Affairs Directorate  
Idaho Falls, Idaho 83415**

**Prepared for the  
U.S. Department of Energy  
Assistant Secretary for Environmental Management  
Under DOE Idaho Operations Office  
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**Section I**

**Continuing Attempts to Secure Disposal of PCB/Radioactively**

**Contaminated Waste**

## **Continuing Attempts to Secure Disposal of PCB/Radioactively Contaminated Waste and PCB/Radioactive Waste Inventory**

The Toxic Substance Control Act regulations of 40 CFR 761.65(a)(2)(ii) requires a written record documenting all continuing attempts to secure disposal of PCB/radioactive waste. The written record must be available for inspection or submission to EPA if requested. EPA Region 10 has requested the information be submitted to the agency on or before July 15 for the previous calendar year. Included with the information on attempts to secure disposal of PCB/Radioactive waste, The Department of Energy (DOE) has been requested to submit an inventory of PCB/Radioactive waste in storage on the INEEL for the previous calendar year.

The following are the attempts made by the INEEL to secure disposal of PCB/Radioactive waste:

- 1) A total of twenty five (25) items or containers totaling approximately 30,299 kg of radioactively contaminated PCBs were disposed during the calendar year 2001. The facilities used for disposal included a TSCA permitted incinerator capable of burning radioactively contaminated PCB liquids; a RCRA permitted subtitle C facility capable of accepting radioactively contaminated PCB solids; and a Department of Energy Low Level Waste landfill capable of accepting radioactively contaminated PCB bulk product waste. See attached PCB/Radioactive waste inventory for individual containers and weights.
- 2) A modification to the Waste Isolation Pilot Plant (WIPP) Waste Acceptance Criteria (WAC) to allow the disposal of PCB remediation waste contaminated with transuranic isotopes is being pursued by the Department of Energy (DOE)-Carlsbad Office. If the EPA and the New Mexico Department of Environmental Quality approve modification, the WIPP disposal site may become an option for some PCB contaminated wastes in storage on the INEEL.

**Section II:**

**PCB/Radioactive Waste In Storage Awaiting Disposal**

**For Calendar Year 2001**

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**Radioactive and Mixed PCB Waste Inventory**  
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QUANTITY	CONTAINER ID #	DESCRIPTION	FOOTNOTE	WEIGHT (Kg) (1)	OUT OF SERVICE DATE
1	10-00-182-042-F (NRF)	PCB Sampling Debris		21	6/5/2001
1	11042	Debris		11	8/29/1980
1	11308	Liquid analytical residues		29	8/29/1980
1	11399	V-tank analysis residues		18	8/29/1980
1	11699	Sample waste		28	8/29/1980
1	12411 (NRF)	Debris		99	2/15/1997
1	12416 (NRF)	Paint Chips		21	3/27/1997
1	12427 (NRF)	Lead and Chromium Contaminated Debris		108	6/10/1997
1	12837 (NRF)	Paint Chips		205	7/19/1997
1	12845 (NRF)	Debris		98	6/19/1997
1	12880 (NRF)	PCB-Pb-Cr Paint Chips		96	5/17/1998
1	12883 (NRF)	PCB-Pb Paint Chips		66	5/18/1998
1	12885 (NRF)	PCB-Pb-Cr Paint Chips		73	6/1/1998
1	12886 (NRF)	Pentex, PCB-Pb-Cr Paint Chips		87	5/29/1998
1	12896 (NRF)	Heavy Metal Paint Chips		6	10/14/1997
1	12897 (NRF)	PCB Debris		21	10/22/1997
1	12898 (NRF)	PCB-Pb-Chrome Debris		56	5/4/1998
1	12899 (NRF)	PCB-Pb-Cr Paint Chips		56	6/2/1998
1	12969 (NRF)	Paint Chips		4	4/1/1997
1	12983 (NRF)	Painted metal		43	2/3/1997
1	12989 (NRF)	Paint Chips		136	9/24/1997
1	13001 (NRF)	PCB contaminated material		44	10/5/1997
1	13002 (NRF)	Paint chips		205	11/26/1997
1	13036 (NRF)	Paint Metal		6	10/8/1997
1	13049 (NRF)	PCB-Pb-Chrome Debris		85	2/14/1998
1	14366k (NRF)	Paint Chips		186	4/13/1997
1	14377k (NRF)	Debris		31	4/22/1997

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QUANTITY	CONTAINER ID #	DESCRIPTION	FOOTNOTE	WEIGHT (Kg) (1)	OUT OF SERVICE DATE
1	14378k (NRF)	Paint Chips		192	5/11/1997
1	14728k	Mixed Waste (RCRA and PCB) Contaminated Incinerable Material		4	10/23/1997
1	14913k	Debris and paint chips		16	1/28/1997
1	15077k	Treatability study soil samples		27	8/29/1980
1	16-00-182-076-F (NRF)	PCB Paint Chips & Debris		9	5/20/2001
1	16317k	MTRU lab analytical waste	(2)	96	1/1/1979
1	16358k	Solid analysis residues		22	8/29/1980
1	16359k	Liquid analysis residues		3	8/29/1980
1	16361k	Liquid analysis residues		5	8/29/1980
1	16385k	Lab solvent residues w/listed codes		9	8/29/1980
1	16386k	Lab solvent residues w/listed codes		11	8/29/1980
1	16980k	Used oil and light ballasts		206	8/1/1995
1	16997k (NRF)	Debris (ANL-W)		41	3/26/1998
1	17266k	Piping and drains		166	8/1/1996
1	17267k	Piping and drains		170	8/1/1996
1	17268k	Piping and drains		164	8/1/1996
1	17269k	Piping and drains		54	8/1/1996
1	17346k	V-tank Sample Returns (Altered and Unaltered)		48	8/29/1980
1	17347k	V-tank Sample Returns (Altered and Unaltered)		46	8/29/1980
1	17348k	V-tank Sample Returns (Altered and Unaltered)		64	8/29/1980
1	17349k	V-tank Sample Returns (Altered and Unaltered)		76	8/29/1980
1	17350k	V-tank Sample Returns (Altered and Unaltered)		90	8/29/1980
1	17351k	V-tank Sample Returns (Altered and Unaltered)		79	8/29/1980
1	17645k	Acidic Lab Waste w/INTEC codes & PCBs		64	6/9/1998
1	17651k	Acidic Lab Waste w/INTEC codes & PCBs		5	5/28/1998
1	17652k	Organic solvent waste w/INTEC codes & PCBs		6	5/28/1998
1	18455k	MTRU Lab Analytical Waste w/PCBs	(2)	60	1/1/1979

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QUANTITY	CONTAINER ID #	DESCRIPTION	FOOTNOTE	WEIGHT (Kg) (1)	OUT OF SERVICE DATE
1	18493k	Acidic Lab Waste w/INTEC codes & PCBs		82	5/12/1998
1	18502k	V-tank Analysis Residues		9	8/29/1980
1	18503k	V-tank Analysis Residues		30	8/29/1980
1	18504k	V-tank Analysis Residues		11	8/29/1980
1	18508k	Acidic Analysis Residues w/INTEC codes & PCBs		9	4/16/1998
1	19204k	Returned ARA-16 Washwater and Sludge Samples		8	3/1/1988
1	19205k	Returned ARA-16 Washwater and Sludge Samples		6	3/1/1988
1	19206k	Returned ARA-16 Washwater and Sludge Samples		48	3/1/1988
1	19207k	Returned ARA-16 Washwater and Sludge Samples		29	3/1/1988
1	19208k	Returned ARA-16 Washwater and Sludge Samples		64	3/1/1988
1	19555k	Returned ARA-16 Wash Water and Sludge Samples		1	3/1/1988
1	19580k	V-tank Sample Returns (Altered and Unaltered)		40	8/29/1980
1	19581k	V-tank Sample Returns (Altered and Unaltered)		16	8/29/1980
1	19582k	V-tank Sample Returns (Altered and Unaltered)		21	8/29/1980
1	19583k	V-tank Sample Returns (Altered and Unaltered)		22	8/29/1980
1	19584k	V-tank Sample Returns (Altered and Unaltered)		38	8/29/1980
1	19585k	V-tank Sample Returns (Altered and Unaltered)		37	8/29/1980
1	19586k	V-tank Sample Returns (Altered and Unaltered)		38	8/29/1980
1	19591k	V-tank Sample Returns (Altered and Unaltered)		36	8/29/1980
1	19592k	V-tank Sample Returns (Altered and Unaltered)		20	8/29/1980
1	19593k	V-tank Sample Returns (Altered and Unaltered)		32	8/29/1980
1	19595k	V-tank Sample Returns (Altered and Unaltered)		68	8/29/1980
1	19596k	V-tank Sample Returns (Altered and Unaltered)		28	8/29/1980
1	19600k	V-tank Sample Returns (Altered and Unaltered)		26	8/29/1980
1	19601k	V-tank Sample Returns (Altered and Unaltered)		9	8/29/1980
1	19602k	Returned ARA-16 Washwater and Sludge Samples		78	3/1/1988
1	19603k	Returned ARA-16 Washwater and Sludge Samples		72	3/1/1988

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1	20119k (NRF)	PCB-Pb-Cr Paint Chips & Debris		32	6/18/1998
1	20122k (NRF)	Pentex, Paint Chips		182	6/18/1998
1	20137k (NRF)	Debris		2	1/28/1998
1	20146k (NRF)	Paint Chips		4	2/25/1998
1	20148k (NRF)	Paint Chips		45	7/8/1998
1	20153k (NRF)	PCB-Cr Paint Chips & Debris		18	9/11/1998
1	20273k (NRF)	PCB, Heavy Metal Debris		64	7/30/1998
1	20279k (NRF)	Paint Chips		4	10/30/1998
1	20283k (NRF)	PCB Metal Debris		53	4/8/1998
1	20295k (NRF)	Sample debris		7	10/14/1998
1	20297k (NRF)	Pentex Paint chips		99	1/12/1999
1	20300k (NRF)	Paint chips		4	6/22/1998
1	20312k (NRF)	Paint chips		21	3/14/1998
1	20723k	Debris		76	3/10/1994
1	20724k	PCB Contaminated Waste		111	4/7/1998
1	20725k	PCB Contaminated Waste		125	1/28/1998
1	20831k (NRF)	Vacuum cannisters, Paint Chips		51	3/8/1999
1	20832k (NRF)	Vacuum cannisters, Paint Chips		51	3/8/1999
1	20833k (NRF)	Vacuum cannisters, Paint Chips		55	3/8/1999
1	20834k (NRF)	Vacuum cannisters, Paint Chips		52	3/8/1999
1	20835k (NRF)	Vacuum cannisters, Paint Chips		50	3/8/1999
1	20836k (NRF)	Vacuum cannisters, Paint Chips		47	3/8/1999
1	20837k (NRF)	Vacuum cannisters, Paint Chips		51	3/8/1999
1	20851k (NRF)	Paint chips, heavy metal debris		50	11/26/1998
1	21165k	Debris, Paint and Asbestos		43	9/30/1997
1	21187k	Debris		43	9/16/1998
1	21219k	Debris and Paint Chips		245	3/31/1999

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QUANTITY	CONTAINER ID #	DESCRIPTION	FOOTNOTE	WEIGHT (Kg) (1)	OUT OF SERVICE DATE
1	21220k	Debris and Paint Chips		256	3/24/1999
1	220-2	Werf Ash		0	5/31/2000
1	22629k	Solvent from INTEC		4	7/30/1998
1	22642k	Lab analytical waste	(2)	64	1/1/1979
1	30-00-059-009-F (NRF)	PCB Ballast		80	8/23/2000
1	324-1	TWCP Preps		4	10/7/2000
1	327-18	PCB Sids. Preps.		0	4/18/2000
1	55-00-082-028-F (NRF)	Pentek Drum, Material from Hot Cells 9-14		71	1/8/2001
1	55-00-082-042-F (NRF)	Paint Chips and Debris		25	2/16/2001
1	55-00-082-052-F (NRF)	Light Ballast		165	8/20/1998
1	55-97-219-075-F (NRF)	Sample Bottles with Sediment, Remediation Waste PCB >=50 ppm		48	2/16/1999
1	55-98-337-013-F (NRF)	Debris from WAPD-39 Paint Samples		56	11/27/2000
1	55-98-337-067-F (NRF)	Paint and Metal and Debris		147	2/23/1999
1	55-98-337-099-F (NRF)	Solid Sediment Samples, Remediation Waste PCB>=50 ppm		56	9/8/1998
1	ANL-94-016	Used oil and light ballasts		127	7/6/1993
1	ANL-95-068	Used oil and light ballasts		206	8/1/1995
1	ARA000002	PPE from ARA-13 Septic Tank		3	6/26/2000
1	ARA000044	Hose from ARA-16 pipe Rinsing		91	11/7/2000
1	ARA000046	PPE and Herculite		91	11/29/2000
1	ARA000047	PPE and Herculite, Bucket		91	11/29/2000
1	ARA000048	Camera		91	11/29/2000
1	ARA000049	Pump, Air Sampler, Hot Tap, Tools		91	11/29/2000
1	ARA000050	Tent, Blotter Paper		91	11/29/2000
1	ARA000051	HEPA Hose, Water Bottle		91	11/29/2000
1	ARA000052	Pipe Valve		91	11/29/2000
1	ARA000053	Pipe Valve		91	11/29/2000
1	ARA000054	HEPA Filter Unit		46	11/29/2000

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QUANTITY	CONTAINER ID #	DESCRIPTION	FOOTNOTE	WEIGHT (Kg) (1)	OUT OF SERVICE DATE
1	ARA000055	Misc. Tools, Water Bottle		91	11/29/2000
1	ARA000056	Plastic Tent		91	11/29/2000
1	ARA000058	Camera Push Rod Spool		91	11/29/2000
1	ARA000059	ARA 13 Distribution box sludge mixed with floor dry and PPE		159	5/9/2001
1	ARA990026	Solid from Tank #2		49	8/19/1999
1	ARA990029	PPE		32	3/2/1998
1	ARA990030	PPE		60	10/1/1996
1	ARA990031	Rocks / Concrete		166	10/2/1996
1	ARA990032	Pipe and Plastic		47	10/7/1996
1	ARA990033	Plastic & Wood		103	9/30/1996
1	ARA990034	PPE/Plastic		34	10/7/1996
1	ARA990036	Sludge / Water		217	9/30/1996
1	ARA990037	Sludge / Water		211	9/30/1996
1	ARA990038	Sludge / Water		216	9/30/1996
1	ARA990039	Sludge / Water		221	9/30/1996
1	ARA990040	Sludge / Water		196	9/30/1996
1	ARA990041	Sludge / Water		220	9/30/1996
1	ARA990042	Sludge / Water		226	9/30/1996
1	ARA990043	Sludge / Water		214	9/30/1996
1	ARA990044	Plastic		44	10/2/1996
1	ARA990045	PPE		62	10/2/1996
1	ARA990046	PPE & Plastic		49	10/7/1996
1	ARA990095	PPE		53	4/23/1997
1	ARA990096	PPE		47	7/2/1997
1	CFA990016	Paint Removal Waste		7	7/6/1999
1	D&D010088	TAN-616 Low-level waste, Bulk items with PCB Paint		937	12/3/2001
1	D&D010089	TAN-616 Low-level waste, Bulk items with PCB Paint		889	12/3/2001

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QUANTITY	CONTAINER ID #	DESCRIPTION	FOOTNOTE	WEIGHT (Kg) (1)	OUT OF SERVICE DATE
1	D&D010090	TAN-616 Low-level waste, Bulk items with PCB Paint		1,039	12/3/2001
44	ID-BCO-000	Containers	(2),(4)		4/1/1978
32	ID-BCO-203/203T	Sludge	(2),(4)		4/1/1978
2,958	ID-RFO-000/000T	Sludge	(2),(5)		4/1/1978
4,613	ID-RFO-003/003T	Sludge	(2),(5)		4/1/1978
1	INEL10719	Debris		36	4/13/1993
1	INEL10720	Debris		75	4/13/1993
1	INEL11031	Debris		10	6/10/1996
1	INEL11074	Absorbed hexane and acid mixture		12	8/29/1980
1	INEL11080	Oil, TAN 607		156	8/29/1980
1	INEL11081	Oil, TAN 607		65	8/29/1980
1	INEL11084	Debris, TAN 607		57	8/29/1980
1	INEL11085	Debris, TAN 607		58	8/29/1980
1	INEL11086	Debris, TAN 607		49	8/29/1980
1	INEL11225	V-tank analysis residues		49	8/29/1980
1	INEL11235	V-tank analysis residues		5	8/29/1980
1	INEL11550	Debris from TAN-607		42	8/29/1980
1	INEL11711	WERF Ash Drum	(8)	86	8/29/1980
1	INEL11712	WERF Ash Drum	(8)	85	8/29/1980
1	INEL11714	WERF Ash Drum	(8)	56	8/29/1980
1	INEL11835	WERF Ash Drum	(8)	92	8/29/1980
1	INEL11836	WERF Ash Drum	(8)	121	8/29/1980
1	INEL11837	WERF Ash Drum	(8)	90	8/29/1980
1	INEL11838	WERF Ash Drum	(8)	73	8/29/1980
1	INEL11839	WERF Ash Drum	(8)	99	8/29/1980
1	INEL11840	WERF Ash Drum	(8)	54	8/29/1980
1	INEL11841	WERF Ash Drum	(8)	91	8/29/1980

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QUANTITY	CONTAINER ID #	DESCRIPTION	FOOTNOTE	WEIGHT (Kg) (1)	OUT OF SERVICE DATE
1	INEL11842	WERF Ash Drum	(8)	90	8/29/1980
1	INEL11843	WERF Ash Drum	(8)	90	8/29/1980
1	INEL11844	WERF Ash Drum	(8)	94	8/29/1980
1	INEL11845	WERF Ash Drum	(8)	94	8/29/1980
1	INEL11846	WERF Ash Drum	(8)	62	8/29/1980
1	INEL11847	WERF Ash Drum	(8)	90	8/29/1980
1	INEL11848	WERF Ash Drum	(8)	90	8/29/1980
1	INEL11849	WERF Ash Drum	(8)	90	8/29/1980
1	INEL11850	WERF Ash Drum	(8)	86	8/29/1980
1	INEL11851	WERF Ash Drum	(8)	90	8/29/1980
1	INEL11852	WERF Ash Drum	(8)	94	8/29/1980
1	INEL11853	WERF Ash Drum	(8)	112	8/29/1980
1	INEL11854	WERF Ash Drum	(8)	92	8/29/1980
1	INEL11855	WERF Ash Drum	(8)	90	8/29/1980
1	INEL11856	WERF Ash Drum	(8)	86	8/29/1980
1	INEL11857	WERF Ash Drum	(8)	82	8/29/1980
1	INEL11931 (NRF)	Paint Chips	(8)	90	8/29/1980
1	INEL11938 (NRF)	Paint Chips	(8)	152	9/29/1996
1	INEL13056	Treatability study residue - liquid samples		21	4/13/1996
1	INEL13058	Treatability study residue - liquid samples		5	6/16/1995
1	INEL7779	Debris		5	6/16/1995
1	INEL7780	Debris		60	3/18/1994
1	INEL7781	Debris		54	3/18/1994
1	INEL7801	Debris		50	3/18/1994
1	INEL7804	Debris		54	4/3/1995
1	INEL8991 (NRF)	Treatability study residue - liquid samples		10	6/22/1995
1	INEL9463	Paint Chips w/PCBs		3	9/18/1995
1		Maxim lab samples, from TAN V-Tanks		49	8/20/1996

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QUANTITY	CONTAINER ID #	DESCRIPTION	FOOTNOTE	WEIGHT (Kg) (1)	OUT OF SERVICE DATE
1	INEL9467	Maxim lab samples		35	8/20/1996
1	INEL9473	Maxim lab samples		23	8/20/1996
1	INEL9474	Maxim lab samples		34	8/30/1993
1	INEL9475	Maxim lab samples		145	8/30/1993
1	INEL9476	Maxim lab samples		145	8/20/1996
1	INEL9477	Maxim lab samples		145	8/30/1993
1	INEL9478	Maxim lab samples		145	8/30/1993
1	INEL9852	Treatability study residue, from CFA		32	8/29/1980
1	INEL9874	Treatability study residue - liquid samples,		3	6/22/1995
1	INTC000381	Listed Analytical Residue with PCB's		49	10/25/2000
1	INTC990228	Paint Chips		1	8/26/1999
1	KWINEL573	Paint and Debris, KW-W014D - PCB Contaminated Waste	(6)	250	10/27/1998
1	KWINEL860	HEPA Filters and Prefilters	(6)	66	7/14/1999
1	KWINEL879	HEPA Filters and Prefilters	(6)	4	9/16/1999
1	KWINEL909	Paint and Debris	(6)	4	9/28/1999
1	KWINEL910	HEPA Filters and Prefilters	(6)	1	9/28/1999
1	LCN-251 (NRF)	Met Cell Door, Item 18		35	9/2/1999
1	MWSF990002	HEPA Filters and Prefilters	(6)	30	12/17/1996
1	MWSF990003	HEPA Filters and Prefilters	(6)	70	12/27/1996
1	MWSF990004	HEPA Filters and Prefilters	(6)	40	9/24/1998
1	MWSF990005	HEPA Filters and Prefilters	(6)	78	3/21/1997
1	MWSF990006	HEPA Filters and Prefilters	(6)	67	12/27/1996
1	NRF000025 (NRF)	Pentek Canister, Paint Chips, HCLA		204	10/31/1999
1	NRF000091 (NRF)	Shield Blocks Painted Elemental Lead		293	1/6/2000
1	NRF000092 (NRF)	Shield Blocks Painted Elemental Lead		263	1/7/2000
1	NRF000096 (NRF)	Paint Chips and Debris		6	6/30/1999
1	NRF000108 (NRF)	S1W Remediation Waste PCB >=50 ppm		171	2/8/2000

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QUANTITY	CONTAINER ID #	DESCRIPTION	FOOTNOTE	WEIGHT (Kg) (1)	OUT OF SERVICE DATE
1	NRF000109 (NRF)	S1W Remediation Waste PCB >=50 ppm		155	2/8/2000
1	NRF000110 (NRF)	S1W Remediation Waste PCB >=50 ppm		142	2/8/2000
1	NRF000111 (NRF)	S1W Remediation Waste PCB >=50 ppm		53	2/8/2000
1	NRF000246 (NRF)	PCB Heavy Metal Debris/Asbestos		55	8/16/1999
1	NRF000277 (NRF)	RCRA/PCB Paint Chips and Debris		15	10/6/1999
1	NRF000321 (NRF)	Vacuum Canisters/Paint Chips		55	4/5/2000
1	NRF000323 (NRF)	Metal With PCB and Lead Paint		11	3/17/1999
1	NRF000414 (NRF)	Vacuum Cleaner/Paint Chips		56	6/14/2000
1	NRF000415 (NRF)	Vacuum Cleaner/Paint Chips/Asbestos		47	6/14/2000
1	NRF000416 (NRF)	RCRA/PCB Paint Chips & Cont. Debris		6	3/13/2000
1	NRF000456 (NRF)	PCB, Paint Chips, Wood		120	6/30/2000
1	NRF000457 (NRF)	PCB, Concrete, Paint Chips, Wood		125	6/30/2000
1	NRF000475 (NRF)	Paint Chips and Debris		6	4/26/2000
1	NRF000477 (NRF)	Vacuum Canister Hose		47	7/24/2000
1	NRF000499 (NRF)	Vacuum Canisters ECF-12		84	10/14/1999
1	NRF000500 (NRF)	Vacuum Canisters ECF-73		58	10/14/1999
1	NRF000501 (NRF)	Vacuum Canisters		62	8/21/2000
1	NRF000522 (NRF)	Pentek Drums		226	6/22/2000
1	NRF010144 (NRF)	Vacuum Canister ECF-2 (Concrete and Paint Chip Debris) Vacuum Hose, & Gloves.		67	12/7/2000
1	NRF010155 (NRF)	Pentek Drum with Asbestos, NRF-10		58	2/6/2001
1	NRF010156 (NRF)	Pantek Drum AFX-5		61	2/6/2001
1	NRF010236 (NRF)	PCB, Heavy Metal Debris		27	11/12/1999
1	NRF990028 (NRF)	PCB, RCRA, Paint chips from Quanterra		6	4/22/1999
1	NRF990038 (NRF)	PCB, RCRA, Paint chips, Heavy Metal Debris		49	10/29/1998
1	NRF990039 (NRF)	PCB, RCRA, Paint Chips, Heavy Metal Debris		20	10/29/1998
1	NRF990040 (NRF)	PCB, RCRA, Asbestos Debris		36	10/1/1998

**Idaho National Engineering and Environmental Laboratory**  
**Radioactive and Mixed PCB Waste Inventory**  
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QUANTITY	CONTAINER ID #	DESCRIPTION	FOOTNOTE	WEIGHT (Kg) (1)	OUT OF SERVICE DATE
1	NRF990097 (NRF)	PCB Brass & Bronze, Heavy Metal Debris		55	7/2/1996
1	NRF990112 (NRF)	PCB, Heavy Metal, Debris Paint Chips		55	7/27/1999
1	NRF990115 (NRF)	PCB, RCRA Pipe Flanges		64	8/16/1999
1	NRF990122 (NRF)	Pentek Drum, Paint Chips, HCLA		151	6/29/1999
1	NRF990123 (NRF)	Pentek Drum, Paint Chips, HCLA		153	10/2/1999
1	S5G Basin - 20 (NRF)	Valute Cover (1539)		91	6/8/1999
1	S5G Basin - 21 (NRF)	Fuel Depletion Wire Cask (1537)		364	5/26/1999
1	S5G Basin - 22	Bag of Compactable PCB Waste from PCB Ballast Spill Cleanup		2	6/4/2001
1	S5G Basin - 23	Light Fixture from PCB Ballast Spill		7	6/4/2001
1	TAN000033	Scabbling Waste TAN-607 Decon Shop		48	3/19/2000
1	TAN000034	Scabbling Waste TAN-607 Decon Shop		48	3/19/2000
1	TAN000040	Scabbling Waste TAN-607 Decon Shop		38	3/19/2000
1	TAN000041	Scabbling Waste TAN-607 Decon Shop		43	3/19/2000
1	TAN000042	V-Tank Samples (TAN-607-108-A)		27	10/21/1998
1	TAN000043	V-Tank Samples (TAN-607-108-A)		27	10/21/1998
1	TAN000044	V-Tank Samples (TAN-607-108-A)		27	10/21/1998
1	TAN000045	V-Tank Samples (TAN-607-108-A)		27	10/21/1998
1	TAN000046	V-Tank Samples (TAN-607-108-A)		27	10/21/1998
1	TAN000047	V-Tank Samples (TAN-607-108-A)		27	10/21/1998
1	TAN000048	V-Tank Samples (TAN-607-108-A)		27	10/21/1998
1	TAN000073	Solid, PPE and Sampling Debris		4	3/27/2000
1	TAN000122	Solid, PPE and Sampling Debris		55	9/14/2000
1	TAN000268	TAN PPE from V-Tank Sampling, (V-Tank associated = PCB contamination)		1	12/6/2000
1	TAN000279	TAN-616 Sampling Waste		41	12/14/2000
1	TAN000296	Sampling Debris From TAN-616 Evap. Pit		20	1/17/2001
1	TAN010038	White Cooler Used for Sampling, V-Tank Sampling Equipment		23	8/23/2000
1	TAN010053	PPE, TSF-18, Remediation Waste, (Tan V-9 Tank)		68	4/24/2001

# Idaho National Engineering and Environmental Laboratory

## Radioactive and Mixed PCB Waste Inventory

### Calendar Year 2001

QUANTITY	CONTAINER ID #	DESCRIPTION	FOOTNOTE	WEIGHT (Kg) (1)	OUT OF SERVICE DATE
1	TAN010054	PPE, TSF-18, Remediation Waste, (Tan V-9 Tank)		68	5/10/2001
1	TAN010057	PPE, TSF-18, Remediation Waste, (Tan V-9 Tank)		68	4/30/2001
1	TAN010065	PPE, TSF-18, Remediation Waste, (Tan V-9 Tank)		68	5/3/2001
1	TAN010071	PPE, TSF-18, Remediation Waste, (Tan V-9 Tank)		108	5/9/2001
1	TAN010075	PPE, TSF-18, Remediation Waste, (Tan V-9 Tank)		68	5/9/2001
1	TAN010076	PPE, TSF-18, Remediation Waste, (Tan V-9 Tank)		88	5/9/2001
1	TAN010077	PPE, TSF-18, Remediation Waste, (Tan V-9 Tank)		82	5/9/2001
1	TAN010087	PPE, TSF-18, Remediation Waste, (Tan V-9 Tank)		73	5/9/2001
1	TAN010110	Remediation Waste, (Tan V-9 Tank)		792	6/28/2001
1	TAN010111	Remediation Waste, (Tan V-9 Tank)		272	6/28/2001
1	TAN990027	Debris and PPE (V-Tank)		34	11/4/1997
1	TAN990028	Debris and PPE (V-Tank)		32	11/4/1997
1	TAN990029	Debris and PPE (V-Tank)		34	5/21/1997
1	TAN990030	Debris and PPE (V-Tank)		34	11/5/1997
1	TAN990031	Debris and PPE (V-Tank)		32	11/25/1997
1	TAN990032	Debris and PPE (V-Tank)		35	11/26/1997
1	TAN990037	Debris and PPE (V-Tank)		98	9/16/1998
1	TAN990038	Debris and PPE (V-Tank)		81	9/16/1998
1	TAN990039	Debris and PPE (V-Tank)		73	9/16/1998
1	TAN990040	Debris and PPE (V-Tank)		67	9/16/1998
1	TAN990041	Debris and PPE (V-Tank)		39	10/21/1998
1	TAN990042	Debris and PPE (V-Tank)		31	10/20/1998
1	TAN990043	Debris and PPE (V-Tank)		30	4/28/1999
1	TAN990044	Debris and PPE (V-Tank)		32	6/15/1999
1	TAN990303	Debris from IET Sump #9		218	12/7/1999
1	TAN990304	Debris from IET Sump #9		172	12/7/1999
1	TAN990305	Debris from IET Sump #9		204	12/7/1999

# Idaho National Engineering and Environmental Laboratory

## Radioactive and Mixed PCB Waste Inventory

Calendar Year 2001

QUANTITY	CONTAINER ID #	DESCRIPTION	FOOTNOTE	WEIGHT (Kg) (1)	OUT OF SERVICE DATE
1	TAN990306	Debris from IET Sump #9		136	12/7/1999
1	TAN990308	Debris from IET Sump #9		272	12/7/1999
1	TAN990309	Debris from IET Sump #9		118	12/7/1999
1	TAN990310	Debris from IET Sump #9		186	12/7/1999
1	TAN990387	TAN-616 VCO Samples		3	12/22/1993
1	TNC-98-224 (NRF)	HLCL Waste Cylinder High Level Gray/Pentek		893	8/24/2000
1	TRA000053	Debris from Sampling Activities at TRA		15	2/3/2000
1	TRA000358	HEPA Vacuum Fines, Filters & Contaminated PPE		53	10/31/2000
1	TRA-603-CANAL-A #1	Paint chips from wall		0	7/12/2001
1	TRA-603-CANAL-A #2	Paint chips from floor		0	7/12/2001
1	TRA-603-CANAL-A #3	Paint chips from floor		0	8/16/2001
1	TRA-604-110A-6051	Labware from analysis		0	2/10/2000
1	TRA-604-110A-6064	Empty centrifuge tubes from analysis		0	11/1/2000
1	TRA-604-110A-6065	Columns from alpha spec analysis		0	11/1/2000
1	TRA-604-110A-6066	Analysis residue from alpha spec. analysis		0	11/1/2000
1	TRA990111	Debris from Sampling at TRA		6	12/21/1999
1	TS-023 (NRF)	FIXED SHIELD WALL 5 & 6		6,364	12/21/1996
1	TS-077 (NRF)	Hot Cell-4 Vent Duct Shield Duct		386	10/1/1997
1	TS-100 (NRF)	WAPD 39-1 and SKID		8,182	3/25/1998
1	TS-158 (NRF)	PCB Painted Lead, Drum #55-97-219-63-F		601	12/20/1996
1	TS-159 (NRF)	MOVABLE SHIELD DOOR , CELL 5& 6		4,318	12/4/1996
1	TS-167 (NRF)	Bucket of Kim Wipes From ECF High Bay Decon Shop Ballast Spill		4	3/8/1997
1	TS-168 (NRF)	Light Fixture ECF Decon Shop Ballast-Spill		5	3/8/1997
1	V-1	Sludge from tank	(7)	1,970	8/29/1980
1	V-2	Sludge from tank	(7)	1,970	8/29/1980
1	V-3	Sludge from tank	(7)	2,465	8/29/1980
1	V-9	Sludge from tank	(7)	1,210	8/29/1980

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QUANTITY	CONTAINER ID #	DESCRIPTION	FOOTNOTE	WEIGHT (Kg) (1)	OUT OF SERVICE DATE
1	VTANK-001	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	41	11/5/1997
1	VTNK-002	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	37	4/28/1999
1	VTNK-003	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	53	9/21/1993
1	VTNK-004	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	44	9/21/1993
1	VTNK-005	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	39	9/21/1993
1	VTNK-006	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	41	9/21/1993
1	VTNK-007	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	45	9/21/1993
1	VTNK-008	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	41	9/21/1993
1	VTNK-009	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	48	9/21/1993
1	VTNK-010	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	47	9/21/1993
1	VTNK-011	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	48	9/21/1993
1	VTNK-012	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	47	9/21/1993
1	VTNK-013	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	43	9/21/1993
1	VTNK-014	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	46	9/21/1993
1	VTNK-015	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	18	9/21/1993
1	VTNK-016	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	17	9/21/1993
1	VTNK-017	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	11	9/21/1993
1	VTNK-018	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	43	9/21/1993
1	VTNK-019	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	37	9/21/1993
1	VTNK-020	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	41	9/21/1993
1	VTNK-021	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	45	9/21/1993
1	VTNK-022	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	39	9/21/1993
1	VTNK-023	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	42	9/21/1993
1	VTNK-024	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	25	9/21/1993
1	VTNK-025	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	19	9/21/1993
1	VTNK-026	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	20	9/21/1993
1	VTNK-027	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	17	9/21/1993

**Idaho National Engineering and Environmental Laboratory**  
**Radioactive and Mixed PCB Waste Inventory**  
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QUANTITY	CONTAINER ID #	DESCRIPTION	FOOTNOTE	WEIGHT (Kg) (1)	OUT OF SERVICE DATE
1	VTNK-028	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	14	9/21/1993
1	VTNK-029	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	35	9/21/1993
1	VTNK-030	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	38	9/21/1993
1	VTNK-031	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	44	9/21/1993
1	VTNK-032	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	41	9/21/1993
1	VTNK-033	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	39	9/21/1993
1	VTNK-034	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	44	9/21/1993
1	VTNK-035	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	51	9/21/1993
1	VTNK-036	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	43	9/21/1993
1	VTNK-037	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	47	9/21/1993
1	VTNK-038	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	41	9/21/1993
1	VTNK-039	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	44	9/21/1993
1	VTNK-040	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	51	9/21/1993
1	VTNK-041	TAN Incinerable Debris (V-Tank associated = PCB Contaminated)	(3)	60	9/21/1993
1	WAG010167	Remediation Waste, (Tan V-9 Tank)		32	11/7/2001
1	WERF01000	Rad-contaminated PCB ballasts		8	3/7/2001
1	WERF010351	WERF Ash Drum		5	

**Idaho National Engineering and Environmental Laboratory**  
**Radioactive and Mixed PCB Waste Inventory**  
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QUANTITY	CONTAINER ID #	DESCRIPTION	FOOTNOTE	WEIGHT (Kg) (1)	OUT OF SERVICE DATE
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Total Number of Items: 8037

Total Weight: 56,566

- (1) Total Weight. For most items stored in containers, the weight includes the container weight. Weights are rounded to the nearest kilogram.
- (2) Container removed from service prior to promulgation of TSCA are assigned OOS date of 4/1/78.
- (3) Containers generated as a result of sorting and segregation of 21 cargo containers (reported in CY99 as containers 21139k and 21226k through 21237k).
- (4) Containers associated with wastestream ID-BCO-203/203T and ID-BCO-000 are suspected/potential PCB's and are unknown waste respectively, from Battelle Columbus Laboratories. Containers are stored at RWMC.
- (5) Containers associated with wastestream ID-RFO-003/003T and ID-RFO-000/000T are organic sludges and unknown wastes respectively, generated at Rocky Flats prior to 1980 and stored at the INEEL. Waste are known or suspected to contain PCB's, but have not been fully characterized. Quantity estimates are based on EDF-RWMC-604 dated 6/3/93. Containers in multiple storage
- (6) Waste generated at Knolls Atomic Power Laboratory, in Connecticut. Waste is being stored at the Mixed Waste Storage Facility.
- (7) Estimated quantity of liquid and sludge in tanks. Tanks V-1, V-2, and V-3 estimated also to contain 1164, 1076, and 5818 gallons of non-PCB contaminated water, respectively.
- (8) WERF ash is included in this inventory for the purpose of the settlement agreement of the FPNOSH (1/2000).

**Section III:**

**Radioactive/PCB Waste Disposed**

**During Calendar Year 2001**

# Idaho National Engineering and Environmental Laboratory

## Radioactive PCB Waste Disposed

### Calendar Year 2001

QUANTITY	CONTAINER ID #	DESCRIPTION	WEIGHT (Kg) (1)	DATE OF DISPOSAL (2)
1	INEL11076	Consolidated TSCA Oil and Sludge, TAN 607	186	10/11/2001
1	INEL11077	Consolidated TSCA Oil and Sludge, TAN 607	209	10/11/2001
1	INEL11078	Consolidated TSCA Oil and Sludge, TAN 607	159	10/11/2001
1	INEL11079	Consolidated TSCA Oil and Sludge, TAN 607	209	10/11/2001
1	INEL11082	Consolidated TSCA Oil and Sludge, TAN 607	58	10/11/2001
1	INEL11083	Consolidated TSCA Oil and Sludge, TAN 607	86	10/11/2001
1	NRF010140 (NRF)	Painted Metal, Lagging & Sample Debris	1,959	7/9/2001
1	NRF010212 (NRF)	A1W Main Coolant Pump	7,818	5/11/2001
1	NRF010220 (NRF)	Metal Shield Wall form ECF	1,848	5/22/2001
1	NRF010239 (NRF)	Painted Metal: Steam Pipe, Conduit, etc.	1,595	7/9/2001
1	NRF010248 (NRF)	Electrical Tools, Misc. Tools, etc.	1,202	7/9/2001
1	NRF010251 (NRF)	Wood, Hand Tools, Electrical eq., etc.	1,652	7/9/2001
1	NRF010300 (NRF)	Wooden Box No. 6 Containing M-130 D1G Module Holder	2,455	8/2/2001
1	NRF010301 (NRF)	Wooden Box No. 7 Containing M-130 D1G Module Holder	2,391	8/2/2001
1	NRF010417 (NRF)	S-130 Stand	6,773	10/29/2001
1	TAN000025	Paint, concrete, steel grit from scrubbing TAN-607 North Gallery	154	3/6/2001
1	TAN000026	Paint, concrete, steel grit from scrubbing TAN-607 North Gallery	123	3/8/2001
1	TAN000027	Paint, concrete, steel grit from scrubbing TAN-607 North Gallery	432	3/8/2001
1	TAN000028	Paint, concrete, steel grit from scrubbing TAN-607 North Gallery	229	3/8/2001
1	TAN000030	Paint, concrete, steel grit from scrubbing TAN-607 North Gallery	202	3/6/2001
1	TAN000031	PPE from Scabbling TAN-607 North Gallery	199	3/6/2001
1	TAN000032	Paint, concrete, steel grit from scrubbing TAN-607 North Gallery	74	3/8/2001
1	TAN010130	Paint, concrete, steel grit from scabbling TAN-607 North Gallery	6	10/15/2001
1	TAN010131	Paint, concrete, steel grit from scabbling TAN-607 North Gallery	5	10/15/2001
1	TAN990410	Paint, concrete, steel grit from scrubbing TAN-607 North Gallery	275	3/6/2001

Idaho National Engineering and Environmental Laboratory

Radioactive PCB Waste Disposed

Calendar Year 2001

QUANTITY	CONTAINER ID #	DESCRIPTION	WEIGHT (Kg) (1)	DATE OF DISPOSAL (2)
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Total Number of Items: 25

Total Weight: 30,299

(1) Total Weight. Weights are rounded to the nearest kilogram.  
(2) Container date is used where the OOS date was unavailable.